

↑  
Not To Scale

Figure 1.1  
Civic Space  
Neighborhood Context





Figure 1.2  
Civic Space  
Existing Conditions Plan





Northwest View From South Street



Northeast View From South Street



Southeast View From Existing Parking Lot



Southwest View From Existing Parking Lot





Figure 1.4  
Civic Space  
Illustrative Site Plan



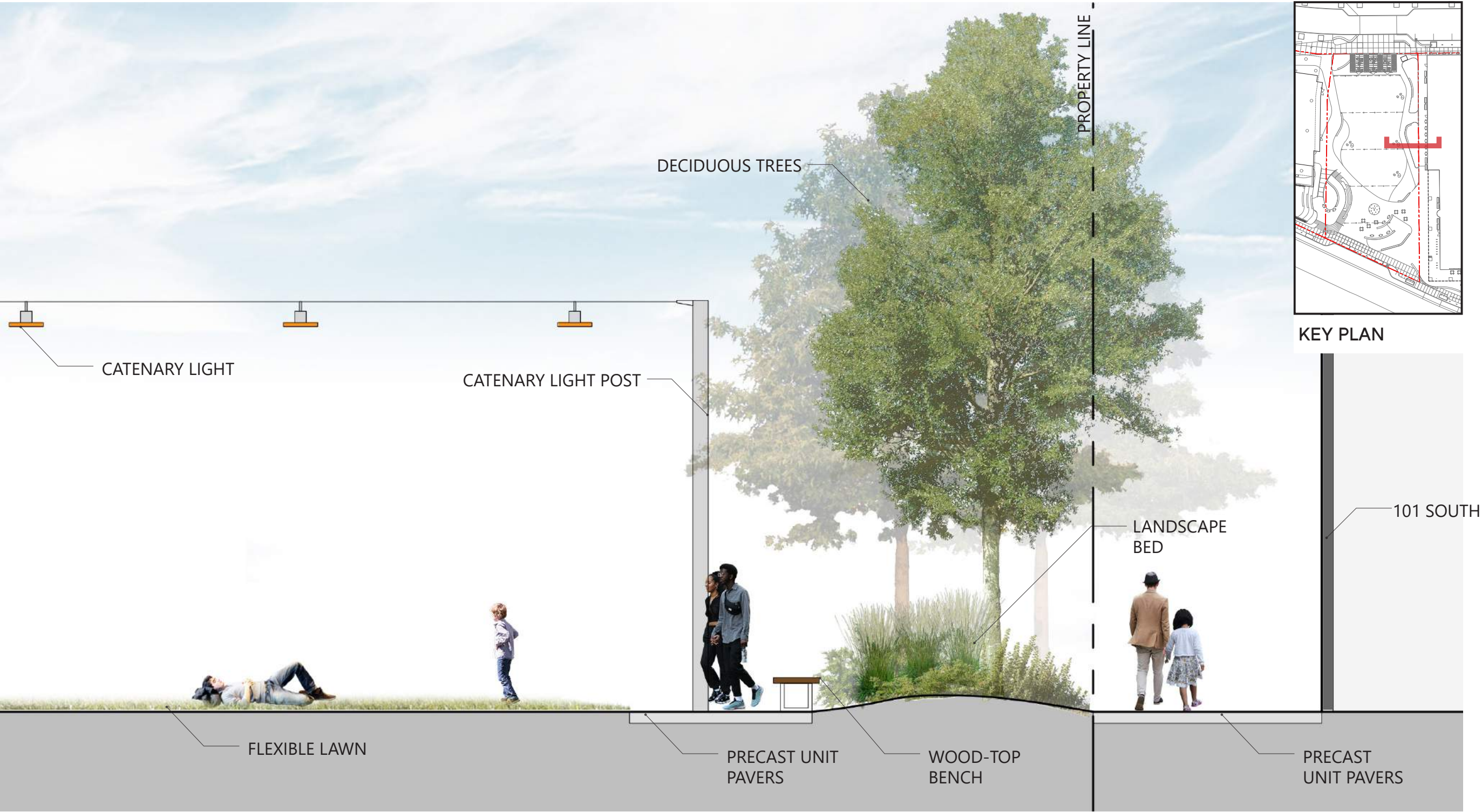


Figure 1.5a  
Civic Space  
Landscape Section



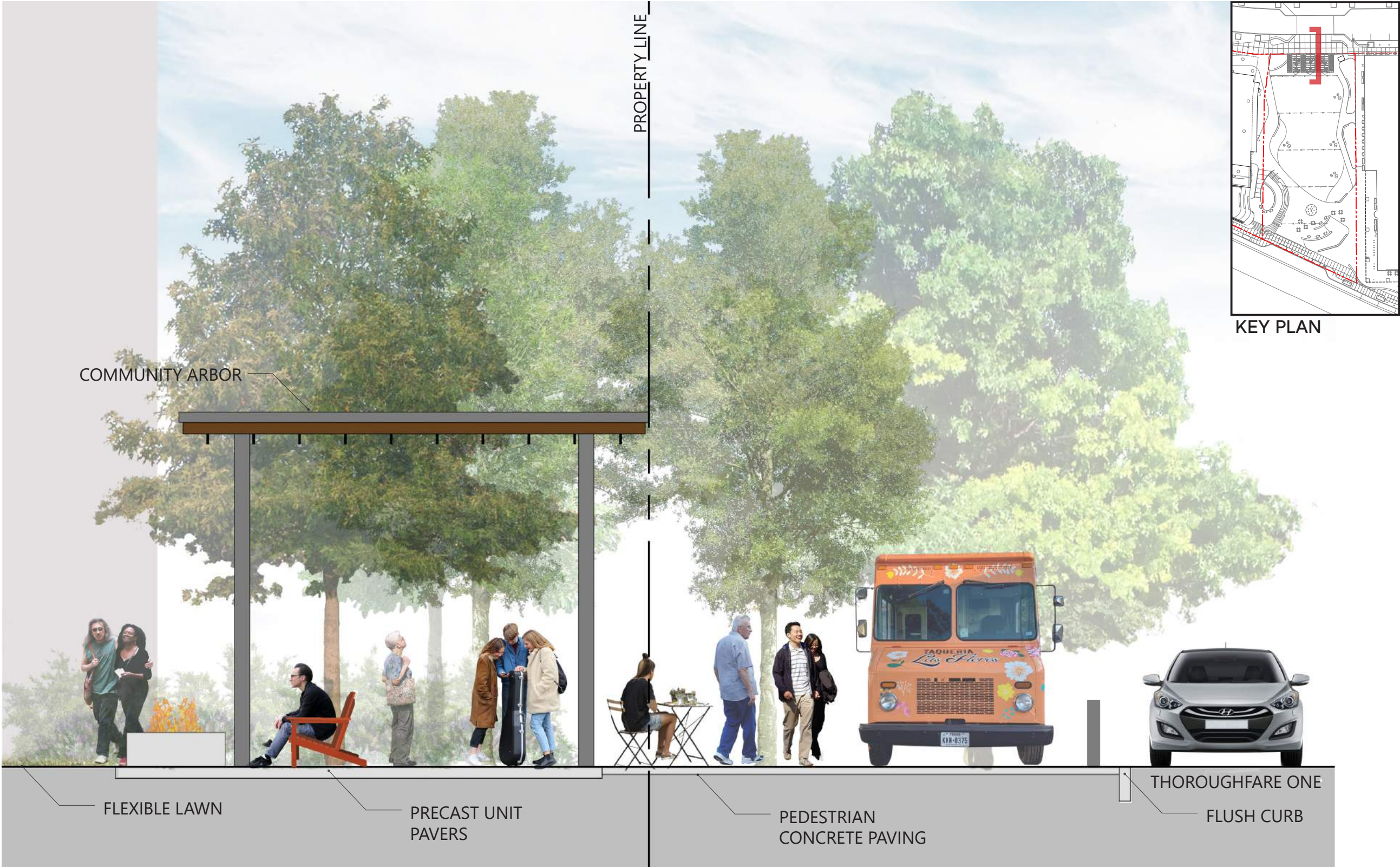


Figure 1.5b  
Civic Space  
Landscape Section



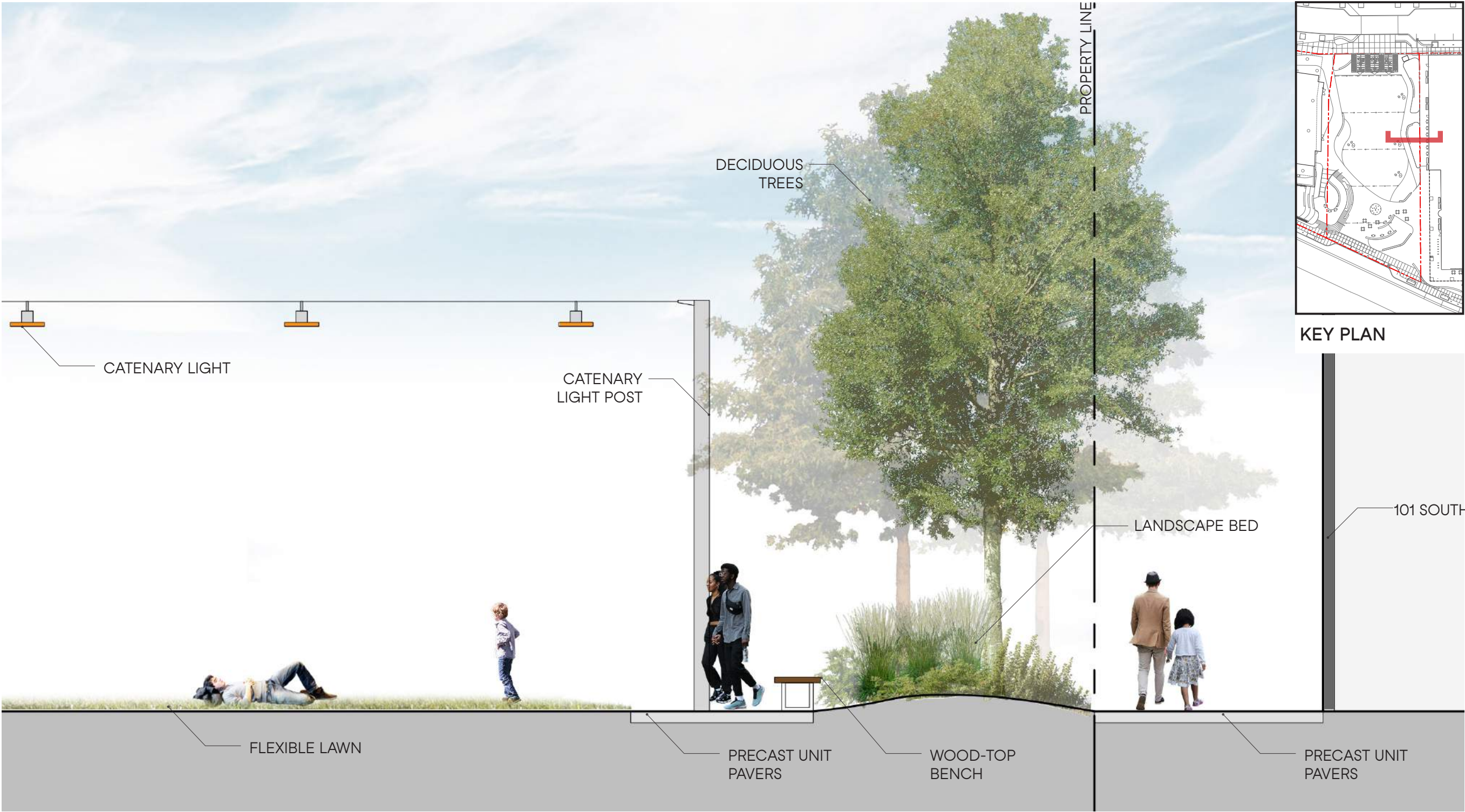


Figure 1.5c  
Civic Space  
Landscape Section





Figure 1.5d  
Civic Space  
Landscape Section



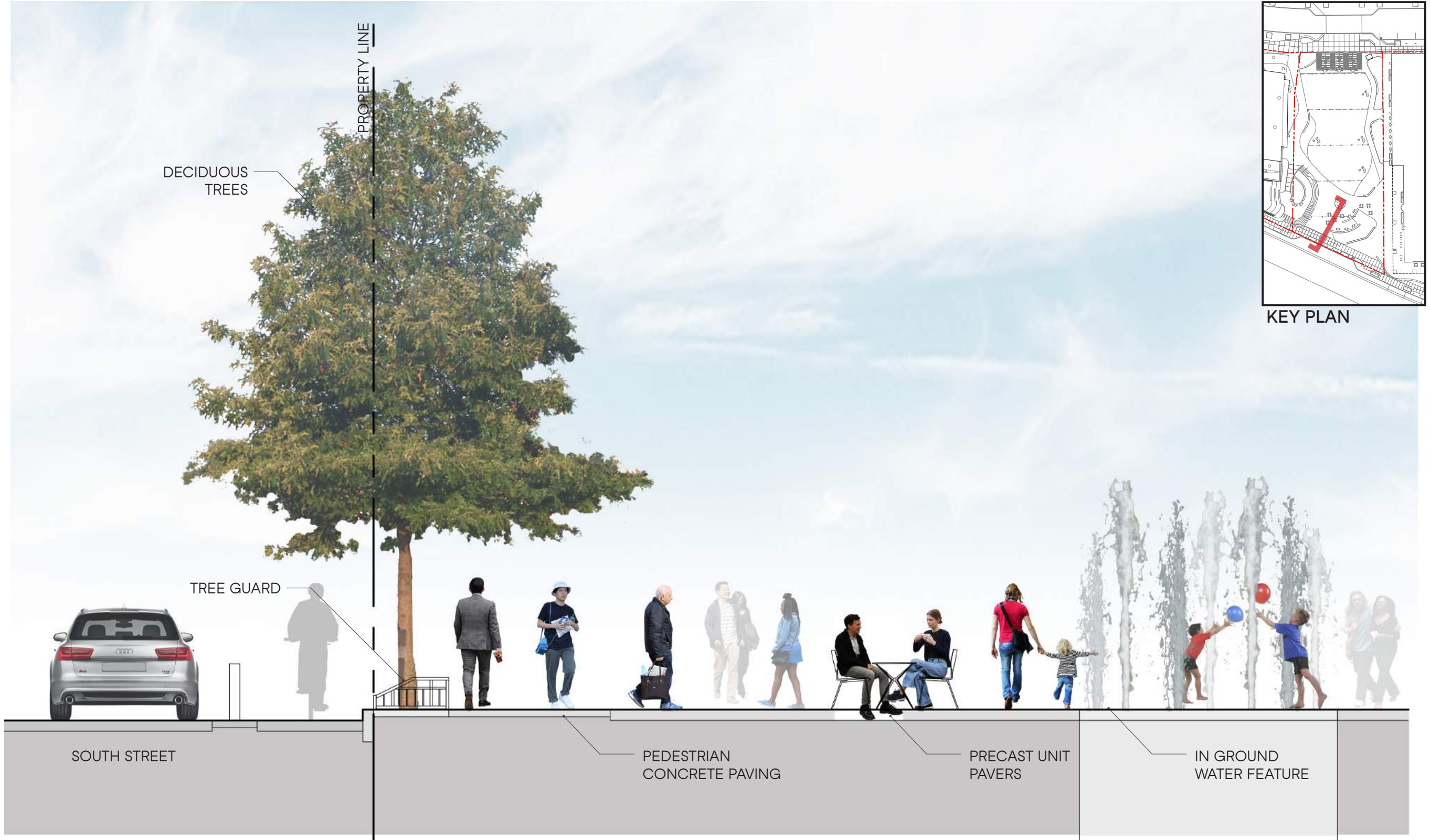
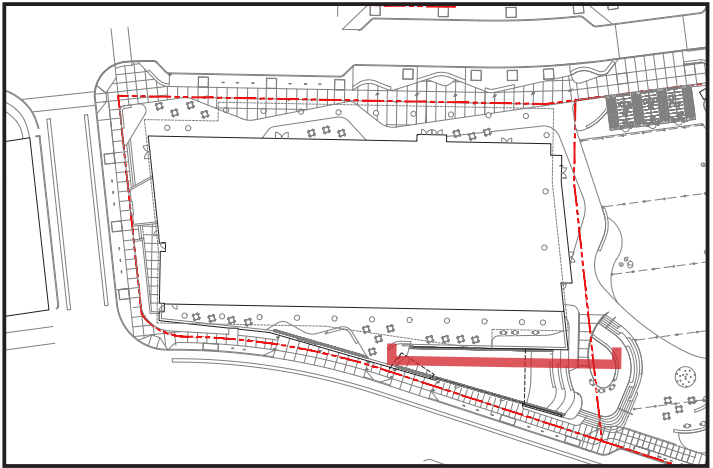


Figure 1.5e  
Civic Space  
Landscape Section





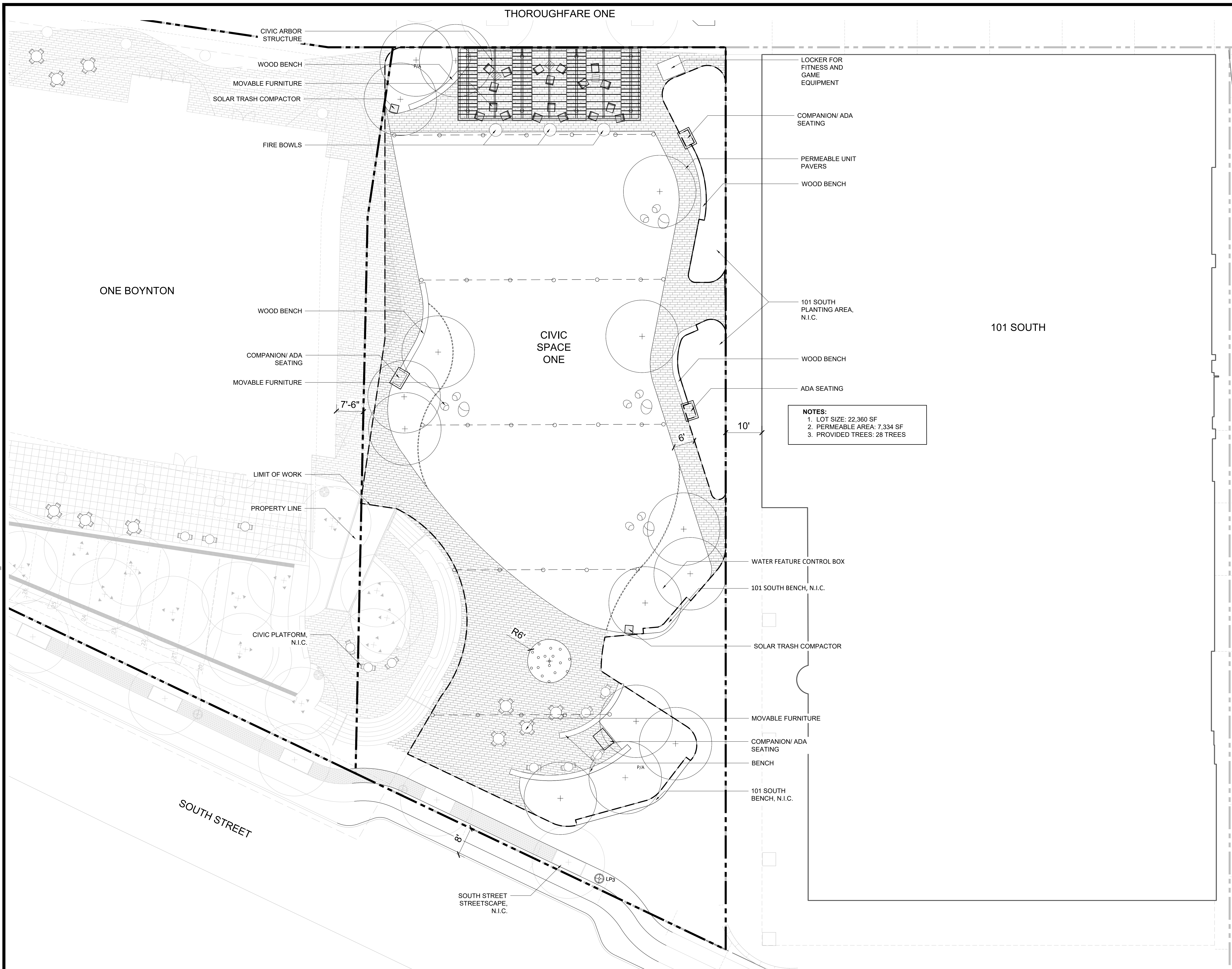
KEY PLAN






Figure 1.6  
Civic Space  
Landscape Perspective



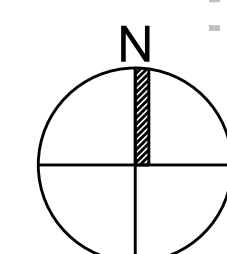


## 1 MATERIALS PLAN

SCALE: 1"=10'



10' 5' 0 10' 20'



**NOT FOR  
CONSTRUCTION**

**CITY STAMP**

PREPARED BY:



**Copley Wolff Design Group**  
Landscape Architects & Planners

PROJECT NAME / CLIENT:	
------------------------	--

BOYNTON YARDS - CIVIC SPACE  
401 SOUTH STREET, SOMERVILLE, MA 02142

101 SOUTH STREET, SOMERVILLE, MA 02143

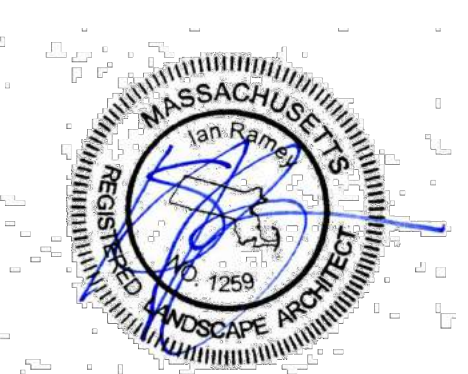
CWOG PROJECT NUMBER: 2036

ISSUANCES:

REV #	DATE	DESCRIPTION
-------	------	-------------

[illegible]

STAMP:



DRAWING TITLE:

DRAWING TITLE:  
**LAYOUT  
PLAN**

DRAWN BY: AS

CHECKED BY: IR

SCALE:

DATE: 06.24.21

SHEET	OF	X
-------	----	---

DRAWING NUMBER:

## 1.7





ZONING COMPLIANCE SUMMARY

Civic Space 1 will be a Neighborhood Park per the design guidelines outlined in the Somerville Zoning Ordinance Chapter 13, Public Realm. The Civic Space is a 22,360 SF open space bounded by Building 1 to the east, Building 2 to the west, Archibald Query Way to the north and South Street to the south.

The Civic Space will be fully accessible complying with the Americans with Disabilities Act (ADA) and the rules and regulation of the Massachusetts Architectural Access Board (521 CMR). The civic space will be physically accessible to the public at all times, however, the City may designate specific hours of closure such as between dusk and dawn. Entrances into the park will be physically and visually accessible with primary points of entry on the north and south sides via the thoroughfares of Archibald Query Way and South Street, respectively.

Landscaping with the Civic Space shall comply with applicable requirements of Section 10. Development Standards for Landscaping, of the Zoning Ordinance. Species selection will be primarily native species as defined in the City's recently adopted Native Plant Ordinance. Additionally, trees will be planted in at-grade planting beds with at least 1,000 CF of planting soil provided per each tree, allowing for up to 25% of overlapping shared soil volume for adjacent trees. Trees planted in pavement areas will utilize soil cell systems in tree pits that are a minimum of 36 SF open soil area.

Specific to Neighborhood Park requirements, the Civic Space provides 11,889 SF (53%) landscape area and 19,223 SF (86%) pervious area through a combination of vegetated surface and pervious hardscapes. The number of large trees proposed in the Civic Space is 28. There are no minimum requirements for seating or tables defined for a Neighborhood Park. However, there will be ample public seating provided in the form of both fixed benches and movable tables.

The Civic Space will provide varied spaces that includes a central passive open lawn with active programming elements on the north and south sides adjacent to the thoroughfare sidewalks with permeable edges of shade trees, plantings and seating on the east and west sides to integrate with the active first floor uses of the adjacent buildings.

On the north side, a civic scale shade structure is proposed with a combination of moveable and fixed public seating below it. Public fire tables are proposed as activating elements. The park's northern hardscape will be a flexible plaza that can support a range of pop-up activities.

On the south side, an interactive water fountain set amid a series of public seating benches and a civic platform are proposed. The water fountain will serve as informal play element that will attract families and the civic platform will be a bleacher like structure offering a change in topography and doubling as an informal raised stage for small performances. The lawn space will accommodate a wide range of pop-up activities, such as movies on the lawn, public art exhibits, farmers markets, or informal lawn games.

CHAPTER 13 PUBLIC REALM

<div></div>	NEIGHBORHOOD PARK REQUIRED: 8,000 SF - 87,120 SF PROVIDED: 22,360 SF	TOTAL PERVIOUS AREA (LANDSCAPE + PERVIOUS HARDSCAPE) REQUIRED: 85% SITE AREA (19,006 SF) PROVIDED: 86% SITE AREA (19,223 SF)
<div></div>	LANDSCAPE AREA REQUIRED: 50% SITE AREA (11,180 SF) PROVIDED: 53% SITE AREA (11,889 SF)	<div></div> VEGETATION - LANDSCAPE: REQUIRED: 1/ 1,225 SF (18.25 TREES) PROVIDED: 28 TREES
<div></div>	PERVIOUS HARDSCAPE AREA PROVIDED: 7,334 SF	

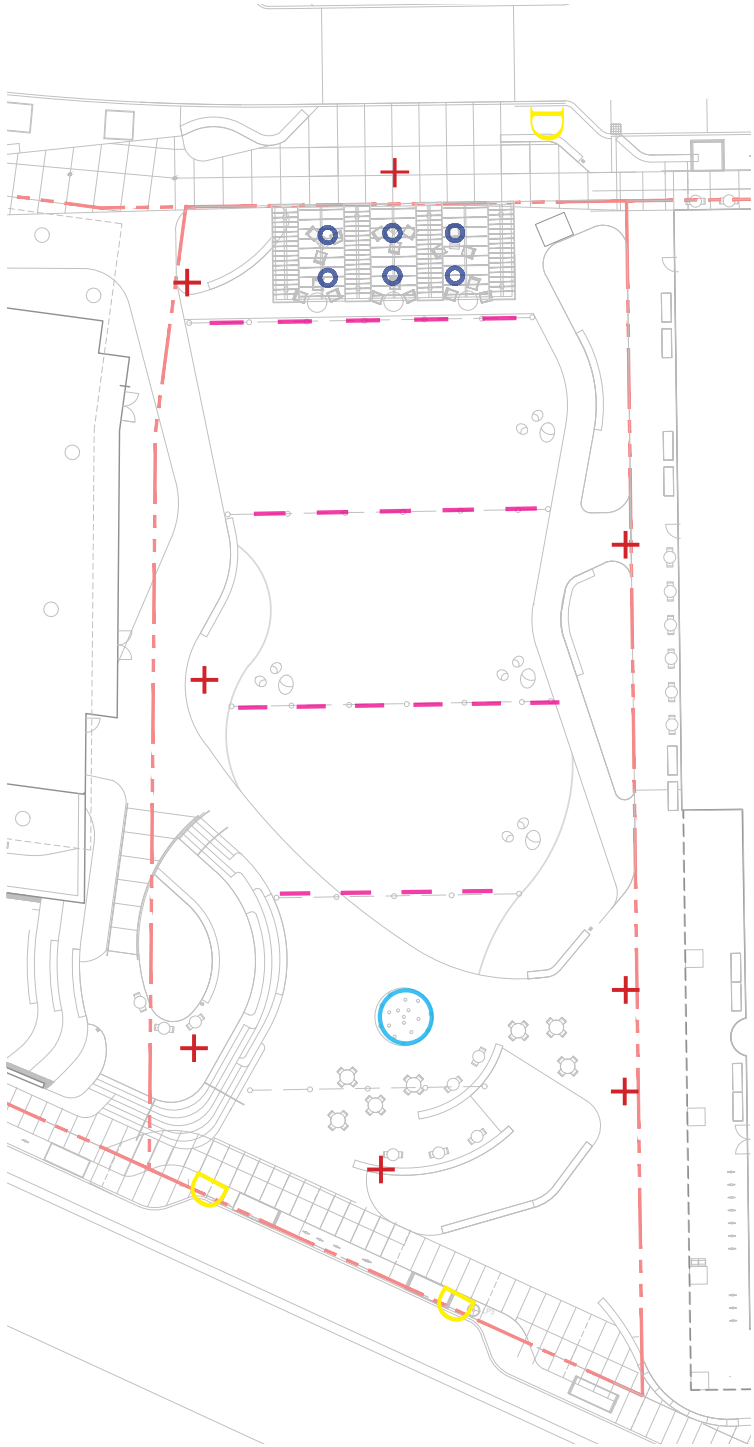




Street Lights  
(Lantern by Lumec)



Post Top Light  
(Radean by Acuity)



KEY PLAN  
(REFER TO LIGHTING PHOTOMETRIC PLAN LT-1  
FOR FIXTURE AND LAYOUT DETAILS)



Arbor Lights  
(Wall Luminaire by Bega)



Catenary Lights  
(Arne by LandscapeForms)

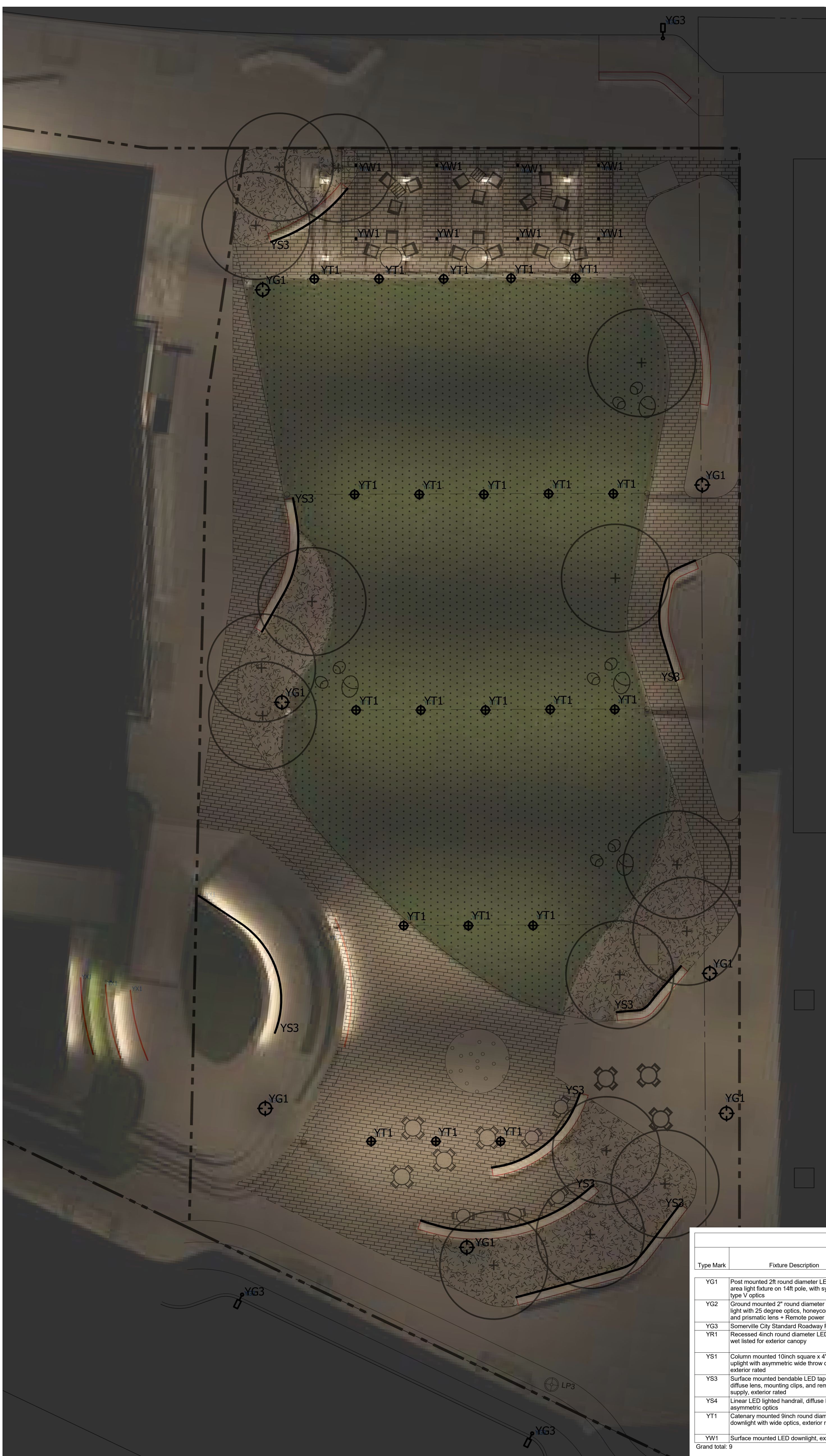


Fountain Lights





6/16/2021 6:04:53 PM - P:\2020 PROJECTS\2002 BOYNTON YARDS - 1 BOYNTON WAY\WORKING\CAD\210609 PHOTOMETRIC PLAN\PHOTOMETRIC SITE PLAN IRAY ILLUM CALC POINTS.DWG - JACK RISSE



YG1



YG2



YR1



YS1



YS3



YS4

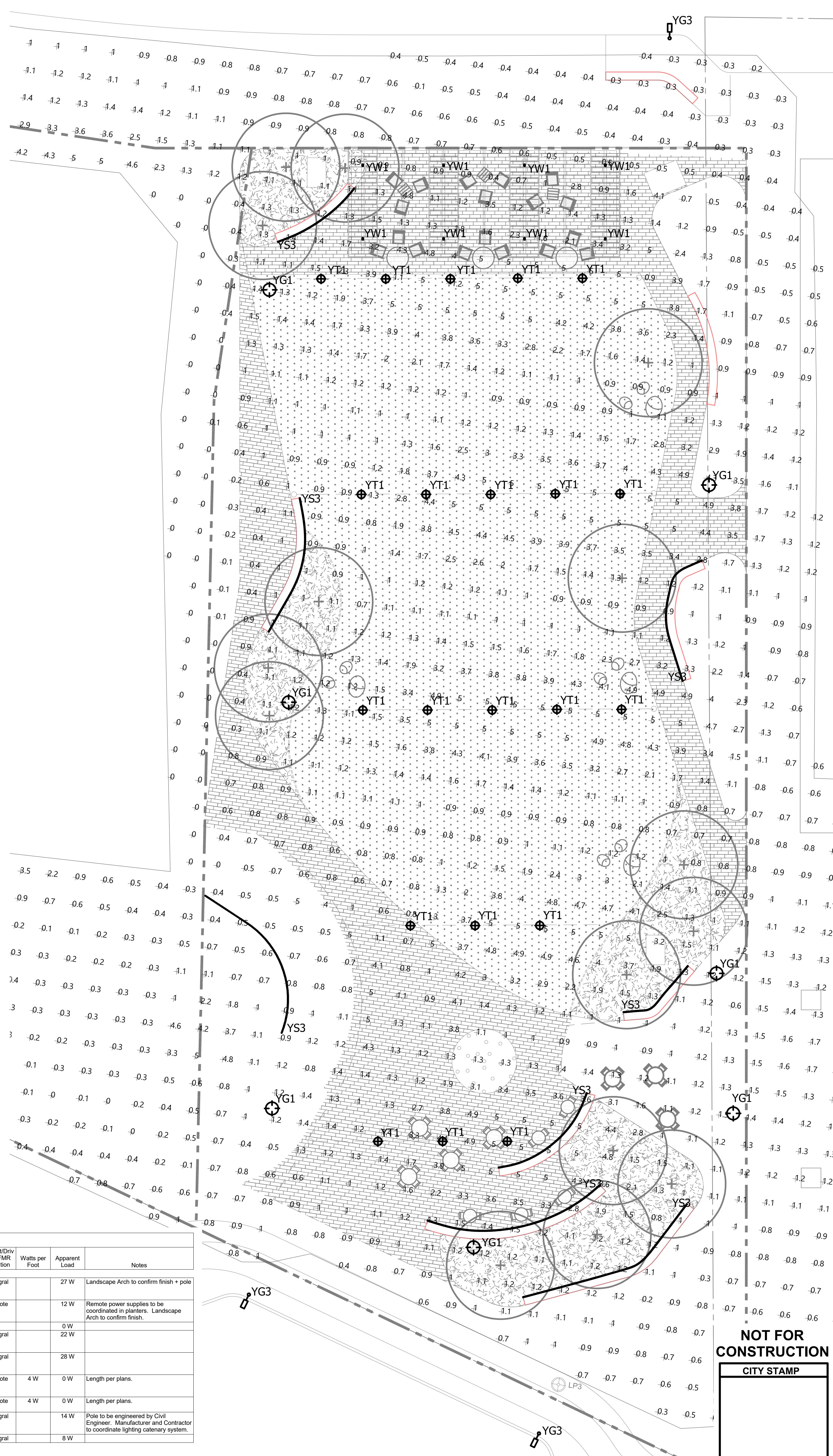


YT1



YW1

Lighting Fixture Schedule-MASTER										
Type Mark	Fixture Description	Fixture Location	Fixture Manufacturer: Catalog #	Lamp Type	Delivered Lumens	Dimming Type	Ballast/Driver/SPMR Location	Watts per Foot	Apparent Load	Notes
YG1	Post mounted 28" round diameter LED post top area light fixture on 14ft pole, with symmetric type V optics	site	Lithonia "Radant" IRADPT LED-P1-30K-SYM-VOLT-P14-DNAX-D	3000K LED	3000	10% DIM	integral		27 W	Landscape Arch to confirm finish + pole
YG2	Ground mounted 2" round diameter LED spot light with 25 degree optics, honeycomb baffle and prismatic lens + Remote power supply	site, planters	Lithonia "Aspen" ASPENA-3LED16-30K-12-NFL-FLC-300K-JBA-S3-HLL-1-C1-BL	3000K LED	900	10% DIM	remote	12 W		Remote power supplies to be coordinated in planters. Landscape Arch to confirm finish.
YG3	Somerville City Standard Roadway Fixture Recessed 4inch round diameter LED downlight, well listed for exterior canopy	roadway canopy	Gotham "INCITO" HICOK-3020-ARLSS-BEAM-VOLT-G Z10	3000K LED	2000	10% DIM	integral		0 W	
YR1									22 W	
YS1	Column mounted 10inch square x 4" tall LED uplight with asymmetric wide throw optics, exterior rated	column canopy	ERCO "Lightscape" #34443.023	3000K LED	1200	10% DIM	integral		28 W	
YS3	Surface mounted bendable LED tapeligh with diffuse lens, mounting clips, and remote power supply, exterior rated	underbench	Kelvik "Signwave 3" #SW3-LENGTH-30K-HZ-E-S-IP67 + Remote Power Supply	3000K LED	150	10% DIM	remote	4 W	0 W	Length per plans.
YS4	Linear LED lighted handrail, diffuse lens, asymmetric optics	handrail	Wagner "Lumenrail" #LULS-30K-40-70-MAX-LENGTH	3000K LED	250	10% DIM	remote	4 W	0 W	Length per plans.
YT1	Catenary mounted 6inch round diameter LED downlight with wide optics, exterior rated	site, catenary	Landscape Forms "Form S" #ARPS-C-A-1-WF-C-COLOR	3000K LED	1600	10% DIM	integral		14 W	Pole to be engineered by Civil Engineer. Manufacturer and Contractor to coordinate lighting catenary system.
YW1	Surface mounted LED downlight, exterior rated	site, pavilion	Bega #66655-K3	3000K LED	600	10% DIM	integral		8 W	
Grand total: 9										



1 Photometric Site Plan (footcandles)  
SCALE: 1" = 10'-0"

PREPARED BY:

PROJECT NAME / CLIENT:

# BOYNTON YARDS - CIVIC SPACE 1

101 SOUTH STREET, SOMERVILLE, MA

CWDS PROJECT NUMBER: 2006

ISSUANCES:

REV # DATE DESCRIPTION

REV #	DATE	DESCRIPTION

STAMP:

DRAWING TITLE: LIGHTING PHOTOMETRIC PLAN

DRAWN BY:

JR/KH

CHECKED BY:

GH

SCALE:

1" = 10'

DATE:

06.24.21

SHEET

1

OF

1

DRAWING NUMBER:

NOT FOR  
CONSTRUCTION

CITY STAMP

1.9b



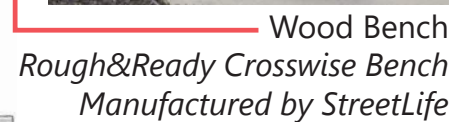
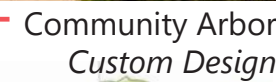
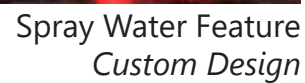
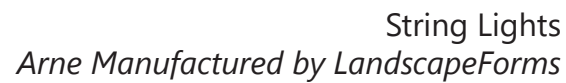
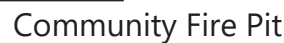
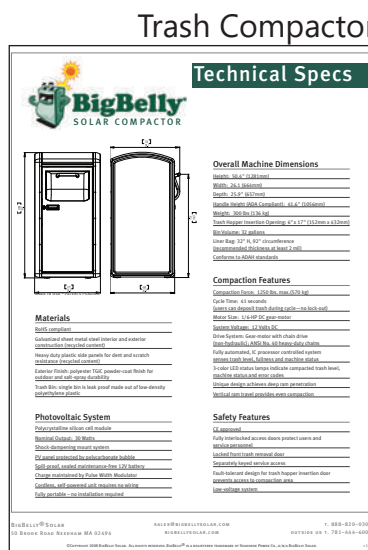
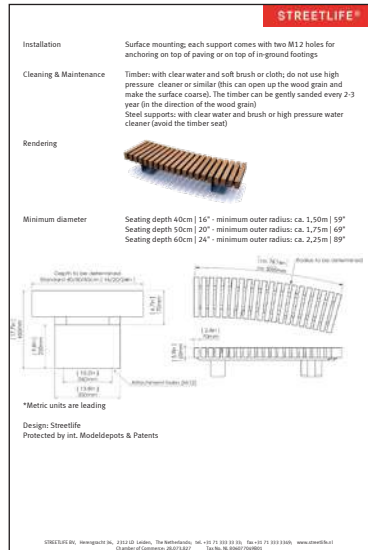
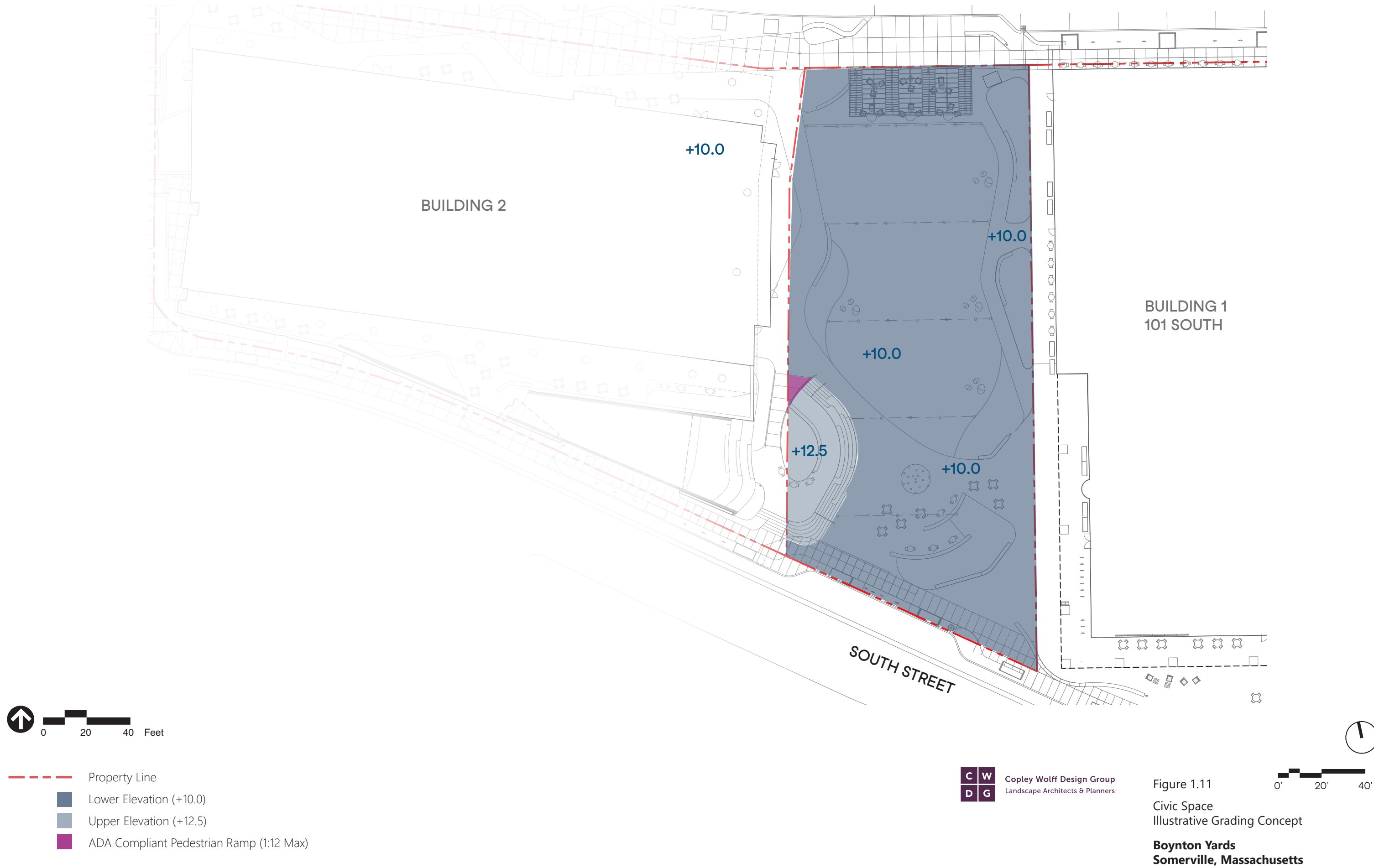


Figure 1.10  
Civic Space  
Site Furnishings Selection Plan

## Boynton Yards Somerville, Massachusetts







PROJECT NAME / CLIENT:

## BOYNTON YARDS - CIVIC SPACE

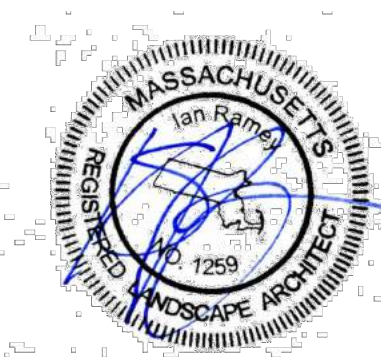
101 SOUTH STREET, SOMERVILLE, MA 02143

CWIDG PROJECT NUMBER: 2036

ISSUANCES:

REV #	DATE	DESCRIPTION
-------	------	-------------

STAMP



DRAWING TITLE
---------------

## LAYOUT AND MATERIALS PLAN

DRAWN BY: AS

CHECKED BY: IR

SCALE

DATE: 06.24.21

SHEET OF X

DRAWING NUMBER
----------------

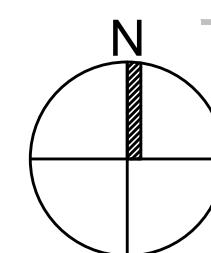
## 1.12

**NOT FOR  
CONSTRUCTION**

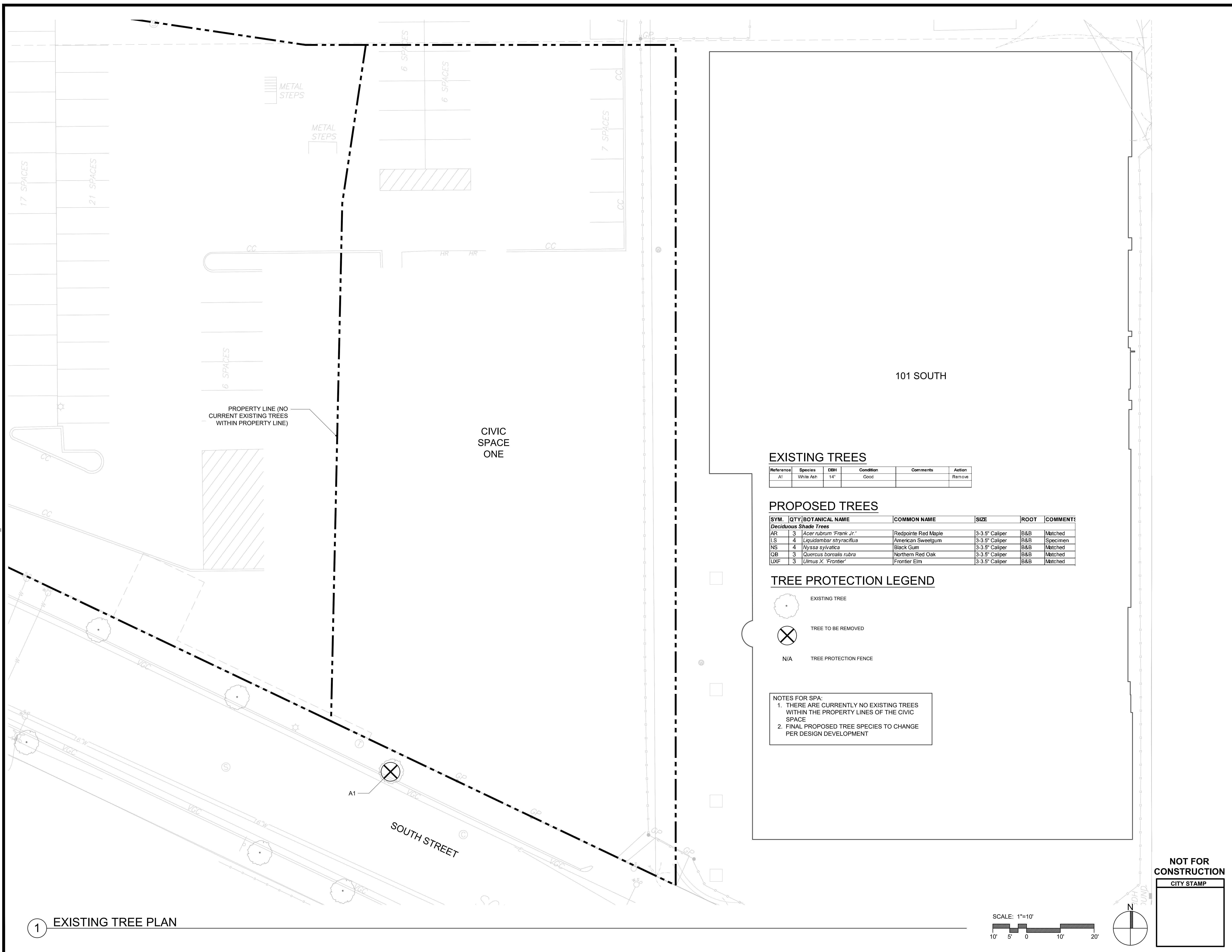
CITY STAMP

## MATERIALS PLAN

SCALE: 1"=10'

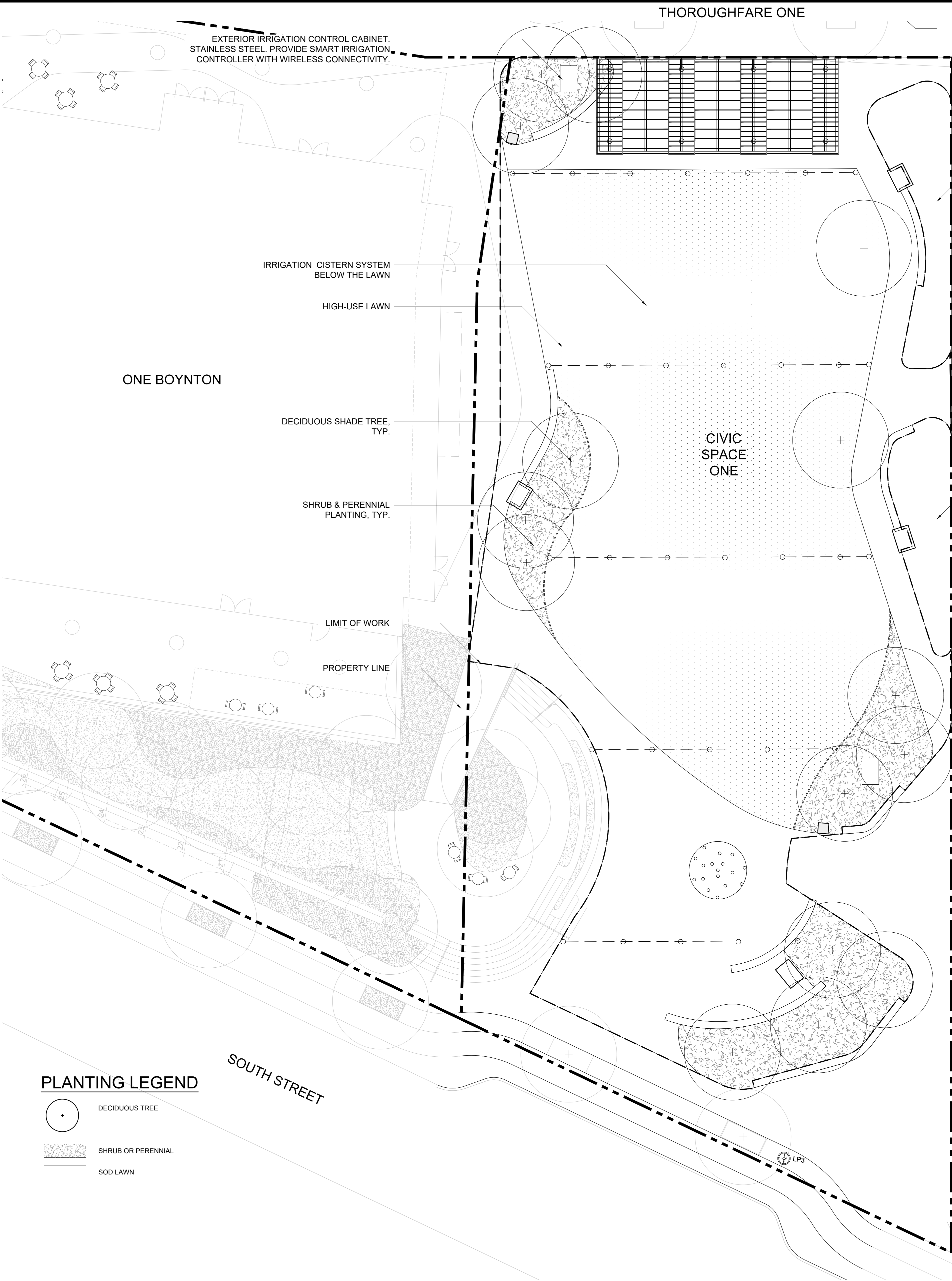








8/10/2021 5:54:24 PM - T:\2036 BOYNTON YARDS PUBLIC COMMON W.D.L.J. - LMP CONSTRUCTION DRAWINGS\CURRENT CWDG DRAWINGS\BY CIVIC SPA PLANS.DWG - ACHAN SOOKYING



### PLANTING LEGEND

- DECIDUOUS TREE
- SHRUB OR PERENNIAL
- SOD LAWN

### LANDSCAPE IRRIGATION NOTES

- IRRIGATION SYSTEM SHALL BE DESIGN-BUILD BY CONTRACTOR FOLLOWING PERFORMANCE-BASED CRITERIA OUTLINED IN THE SPECIFICATIONS AND INDICATED ON DRAWINGS. ALL IRRIGATION SYMBOLS AND NOTES SHOWN ON THIS PLAN ARE DIAGRAMMATIC AND INTENDED TO CONVEY DESIGN INTENT ONLY.
- COORDINATE THE LOCATION OF ALL EXISTING AND FUTURE UTILITIES AND CONTACT PROPER AUTHORITIES AND UTILITY COMPANIES PRIOR TO THE START OF WORK.
- ALL VALVES AND VALVE BOXES SHALL BE PLACED UNDER THIN LAYER OF MULCH IN PLANTED AREAS. NEITHER SHALL BE VISIBLE.
- IN-LINE DRIP TUBING SHALL BE INSTALLED 6" FROM ALL MASONRY WALLS, PLANTER WALLS AND CURBING. FLUSH ALL LINES PRIOR TO INSTALLATION. IN-LINE DRIP TUBING SHALL NOT BE VISIBLE.
- THE IRRIGATION SYSTEM MAY BE DRAINED AND PURGED WITH COMPRESSED AIR IN THE EXISTING FIRE SERVICE ROOMS WHERE BACKFLOW PREVENTER WILL BE INSTALLED.
- IRRIGATION AUTOMATIC CONTROLLER, WATER METER, SOIL MOISTURE SENSOR, BACKFLOW PREVENTER AND BOOSTER PUMP (IF DEEMED NECESSARY) SHALL BE LOCATED IN THE FIRE SERVICE ROOMS IN EACH BUILDING. COORDINATE WITH ARCHITECT. REFER TO MEP DRAWINGS FOR WATER LINE AND ELECTRICAL CONNECTION.
- PROVIDE MOISTURE SENSOR(S) IN EACH IRRIGATION ZONE. NECESSARY QUANTITY AND LOCATION DETERMINED BY CONTRACTOR (SHOWN DIAGRAMMATICALLY).

### WATER EFFICIENCY NOTES

- PROPOSED PLANTINGS ARE A COMBINATION OF NATIVE AND ADAPTED SPECIES THAT REQUIRE LESS WATER THAN NON-ADAPTED SPECIES.
- THERE IS NO IRRIGATED LAWN ON THE PROJECT.
- ALL IRRIGATION SHALL UTILIZE DRIP EMITTERS WITH A 90% IRRIGATION EFFICIENCY RATING.

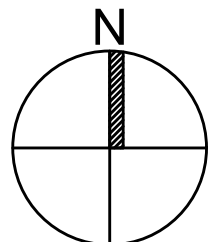
### PLANTING AND SOIL NOTES

- IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE PLANT LIST, THE PLANTING PLAN SHALL GOVERN.
- ALL NEW PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN ADDITION, ALL NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY.
- THE LANDSCAPE ARCHITECT SHALL ONLY REVIEW TREES THAT ARE IN THE GROUND AT THE NURSERY. NO PRE-DUG TREES WILL BE ACCEPTED. THEREFORE TIMING OF IN-GROUND REVIEWS MUST BE COORDINATED WITH EXPECTED INSTALLATION DATES.
- ALL NEW PLANTS TO BE BALLED & BURLAPPED OR CONTAINER GROWN, UNLESS OTHERWISE NOTED ON THE PLANT LIST.
- THE CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
- ALL NEW PLANTS SHALL BE TAGGED AND APPROVED BY THE LANDSCAPE ARCHITECT AT THE NURSERY PRIOR TO DIGGING OR DELIVERY TO THE SITE.
- CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE LANDSCAPE ARCHITECT.
- STAKE LOCATION OF ALL PROPOSED PLANTING FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING.
- NEW SHRUBS AND GROUND COVER SHALL BEAR THE SAME RELATIONSHIP TO GRADE AS IT BORE TO PREVIOUS GRADE. TREES SHALL BE SET 3" HIGHER THAN PREVIOUS GRADE. NO TREES SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING.
- ALL PLANT BEDS TO RECEIVE UN-DYED, AGED AND SHREDDED BARK MULCH AS PER SPECIFICATIONS.
- ALL EXISTING TREES TO REMAIN SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION. PROTECTION TECHNIQUES SHALL BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT.
- PRUNE TREES IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL PLANT MATERIAL SHALL BE MAINTAINED BY CONTRACTOR UNTIL FINAL ACCEPTANCE AND GUARANTEED FOR 1 CALENDAR YEAR.
- CONFIRM ALL QUANTITIES AGAINST PLANTING PLANS, GRADING PLANS, AND SPECIFICATIONS, INCLUDING SITE DISTURBANCE OUTSIDE OF THE LIMIT OF GRADING NECESSITATED TO FACILITATE CONSTRUCTION.
- WHERE SAND AND GRAVEL ARE SPECIFIED FOR A DRAINAGE LAYER, EXTEND DRAINAGE LAYER TO ASSOCIATED DRAIN LINES, DRAINAGE AREAS, OR DAYLIGHT.
- WHERE ONE SOIL TYPE MEETS ANOTHER SOIL TYPE, FORM A 1:1 SLOPED BOUNDARY TRANSITION.
- WHERE A SOIL PROFILE ENCROACHES WITHIN THE DRIP LINE OF EXISTING TREES, CONSULT WITH LANDSCAPE ARCHITECT PRIOR TO COMMENCING EXCAVATION.
- ALL EXCAVATION AND PLACEMENT OF SOILS WITHIN THE DRIP LINE OF EXISTING TREES TO BE PERFORMED BY HAND.
- SCARIFY SUBGRADE AS SPECIFIED BEFORE PLACEMENT OF ANY PLANTING SOILS.
- DO NOT PLACE OR HANDLE SOILS THAT ARE WET.
- PROTECT ALL EXISTING SOILS AGAINST COMPACTION, CONTAMINATION WITH CONSTRUCTION MATERIALS, AND ALL DISTURBANCE.
- CONTRACTOR IS RESPONSIBLE FOR ACTUAL SITE CONDITIONS, COORDINATION OF SOILS PLACEMENT, AND PLANTING SUBDRAINAGE.
- DO NOT PLACE ANY PLANTING SOIL PRIOR TO INSPECTION BY LANDSCAPE ARCHITECT.
- EXTENTS OF SAND BASED STRUCTURAL SOIL (SBSS) ARE APPROXIMATE. PROVIDE A MINIMUM OF 1,000 C.F. OF SBSS FOR EACH TREE.

### PLANT SCHEDULE

SYM.	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENTS
<b>Deciduous Shade Trees</b>						
AR		Acer rubrum 'Frank Jr.'	Redpointe Red Maple	3-3.5" Caliper	B&B	Matched
LS		Liquidambar styraciflua	American Sweetgum	3-3.5" Caliper	B&B	Specimen
NS		Nyssa sylvatica	Black Gum	3-3.5" Caliper	B&B	Matched
QB		Quercus borealis rubra	Northern Red Oak	3-3.5" Caliper	B&B	Matched
UXF		Ulmus X 'Frontier'	Frontier Elm	3-3.5" Caliper	B&B	Matched
<b>Ornamental Trees</b>						
AXG		Amelanchier X grand 'Autumn Brilliance'	Autumn Brilliance Serviceberry	8-10' Height	B&B	Multi-stem
<b>Shrubs</b>						
ALMM		Aronia melanocarpa 'Morton'	Iroquois Beauty Black Chokeberry	#2	Cont.	24" O.C.
CSA		Cornus sanguinea 'Arctic Sun'	Arctic Sun Dogwood	#3	Cont.	30" O.C.
IVR		Ilex verticillata 'Red Sprite'	Red Sprite Dwarf Female Winterberry	#3	Cont.	36" O.C.
IVJ		Ilex verticillata 'Jim Dandy'	Jim Dandy Dwarf Male Winterberry	#3	Cont.	36" O.C.
<b>Perennials, Ornamental Grasses and Groundcover</b>						
CP		Carex pensylvanica	Pennsylvania Sedge	#1	Cont.	12" O.C.
CVM		Coreopsis verticillata 'Moonbeam'	Moonbeam Coreopsis	#2	Cont.	18" O.C.
DE		Dryopteris erthrosora	Autumn Fern	#1	Cont.	12" O.C.
IBM		Ipomoea batatas 'Margarita'	Margarita Sweet Potato Vine	#1	Cont.	12" O.C.
MDS		Monarda didyma 'Squeaw'	Squeaw Beebalm	#2	Cont.	18" O.C.
OC		Osmunda cinnamomea	Cinnamon Fern	#2	Cont.	18" O.C.
PSR		Pennisetum setaceum 'Rubrum'	Purple Fountain Grass	#2	Cont.	18" O.C.
PT		Polystichum isus-simense	Korean Rock Fern	#1	Cont.	12" O.C.
PVS		Pericium virgatum 'Shenandoah'	Shenandoah Switch Grass	#2	Cont.	18" O.C.
RFG		Rudbeckia fulgida 'Goldsturm'	Goldsturm Black-eyed Susan	#2	Cont.	18" O.C.
SSB		Schizachyrium scoparium 'The Blues'	The Blues Little Bluestem	#2	Cont.	18" O.C.
VH		Verbena hastata	Blue Vervain	#2	Cont.	18" O.C.

SCALE: 1"=10'



NOT FOR CONSTRUCTION  
CITY STAMP

PREPARED BY:



Copley Wolff Design Group  
Landscape Architects & Planners

PROJECT NAME / CLIENT:

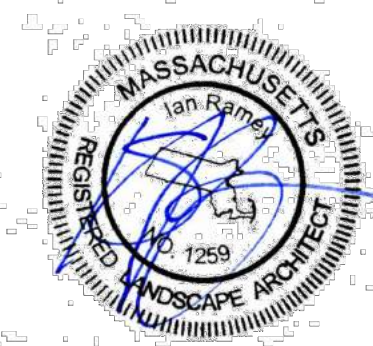
BOYNTON YARDS - CIVIC SPACE  
101 SOUTH STREET, SOMERVILLE, MA 02143

CWDG PROJECT NUMBER: 2036

ISSUANCES:

REV # DATE DESCRIPTION

STAMP:



DRAWING TITLE:

PLANTING PLAN

DRAWN BY: AS

CHECKED BY: IR

SCALE:

DATE: 06.24.21

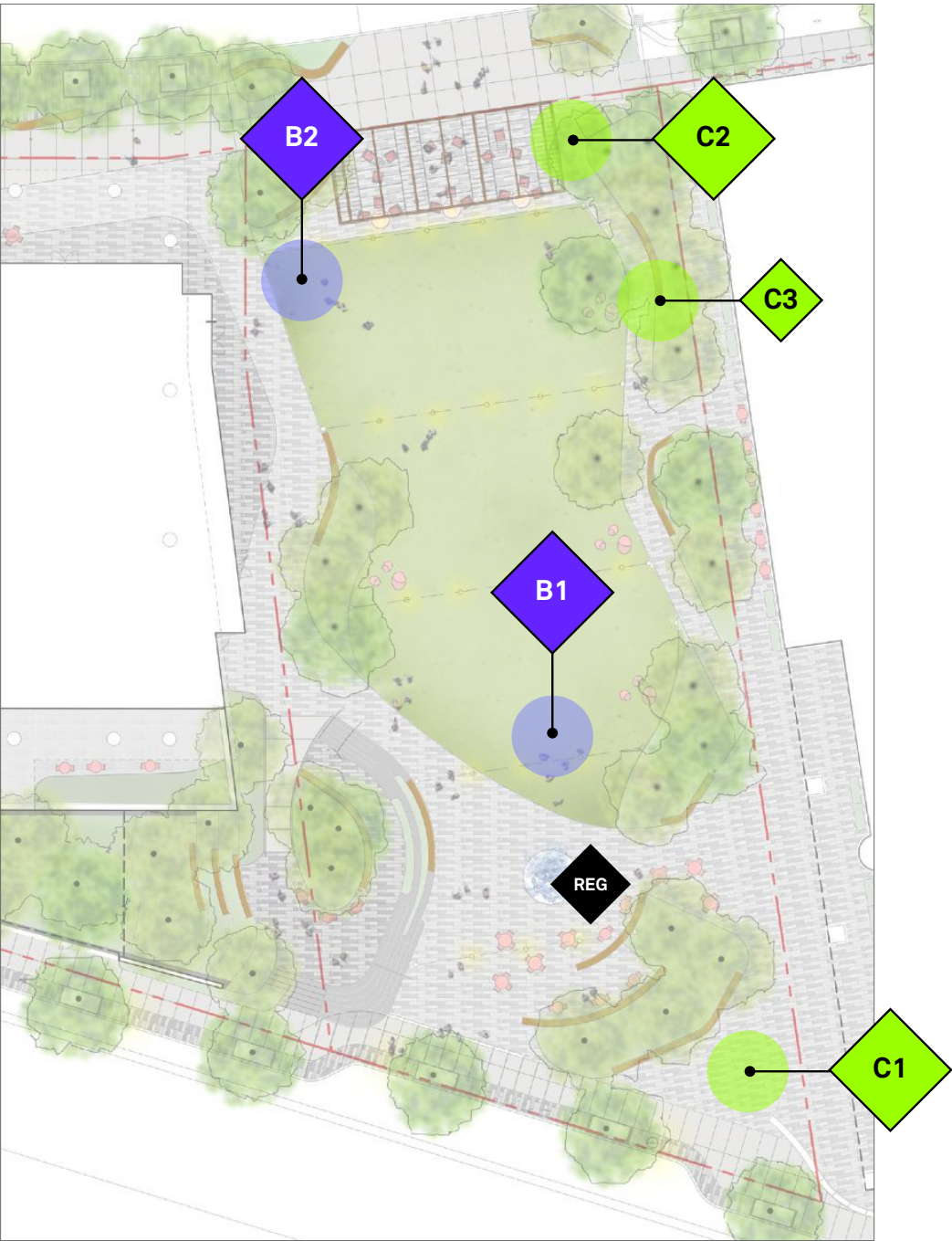
SHEET OF X

DRAWING NUMBER:

1.14



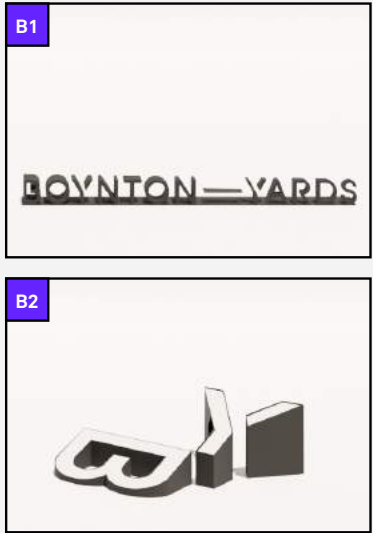
Civic Space—Proposed Locations



Identification



Welcome



Information

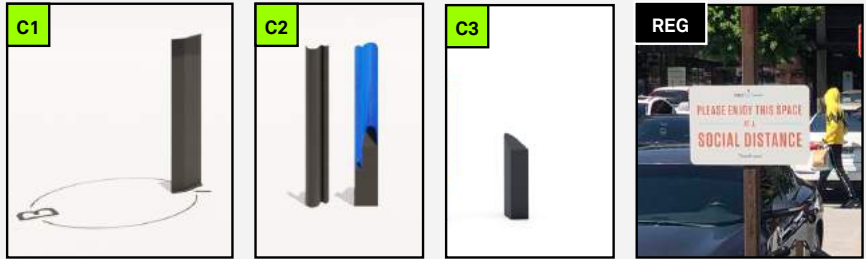
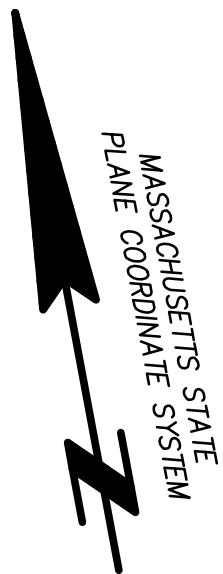


Figure 1.15  
Civic Space  
Signage Plan  
  
Boynton Yards  
Somerville, Massachusetts

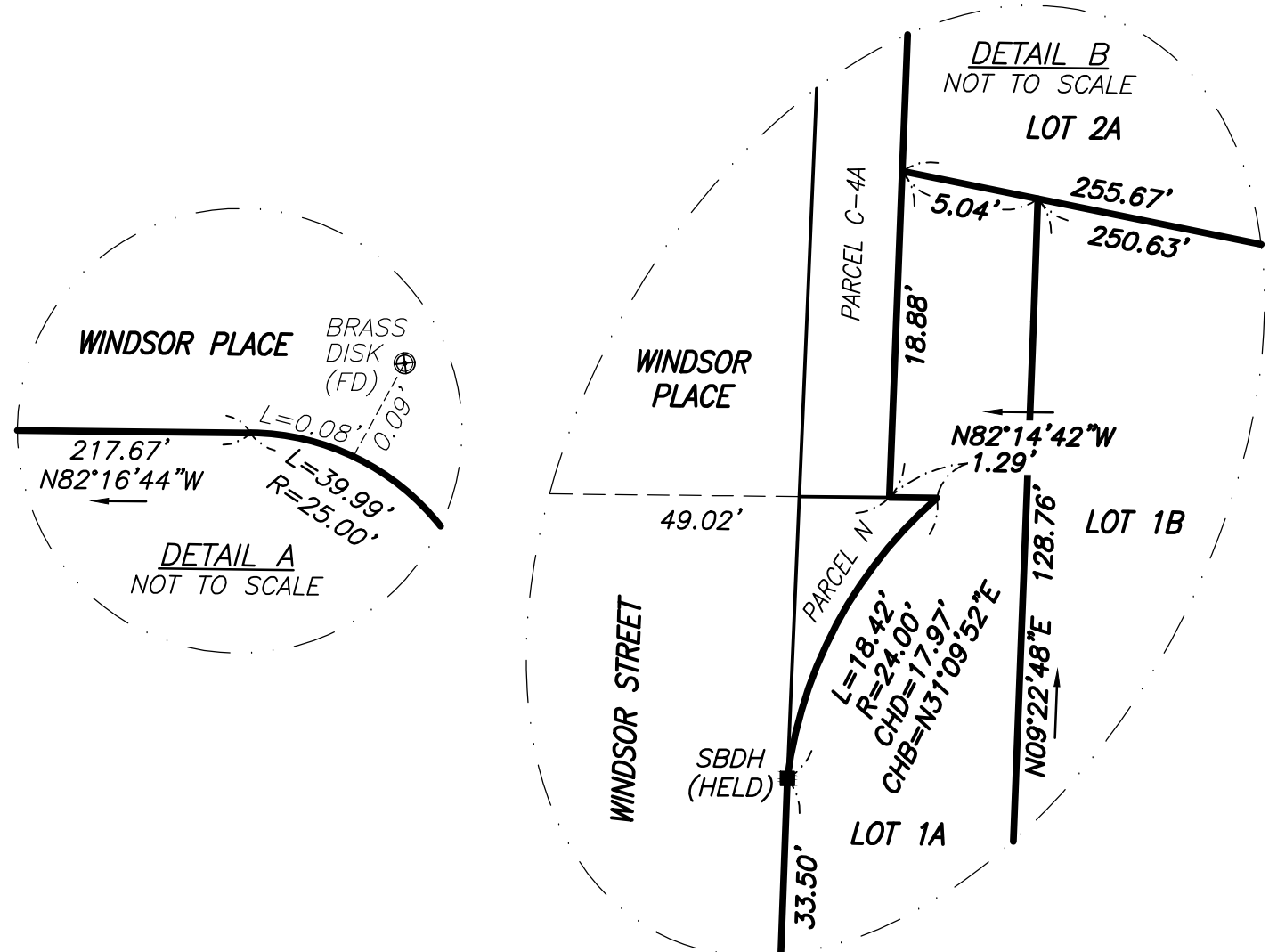
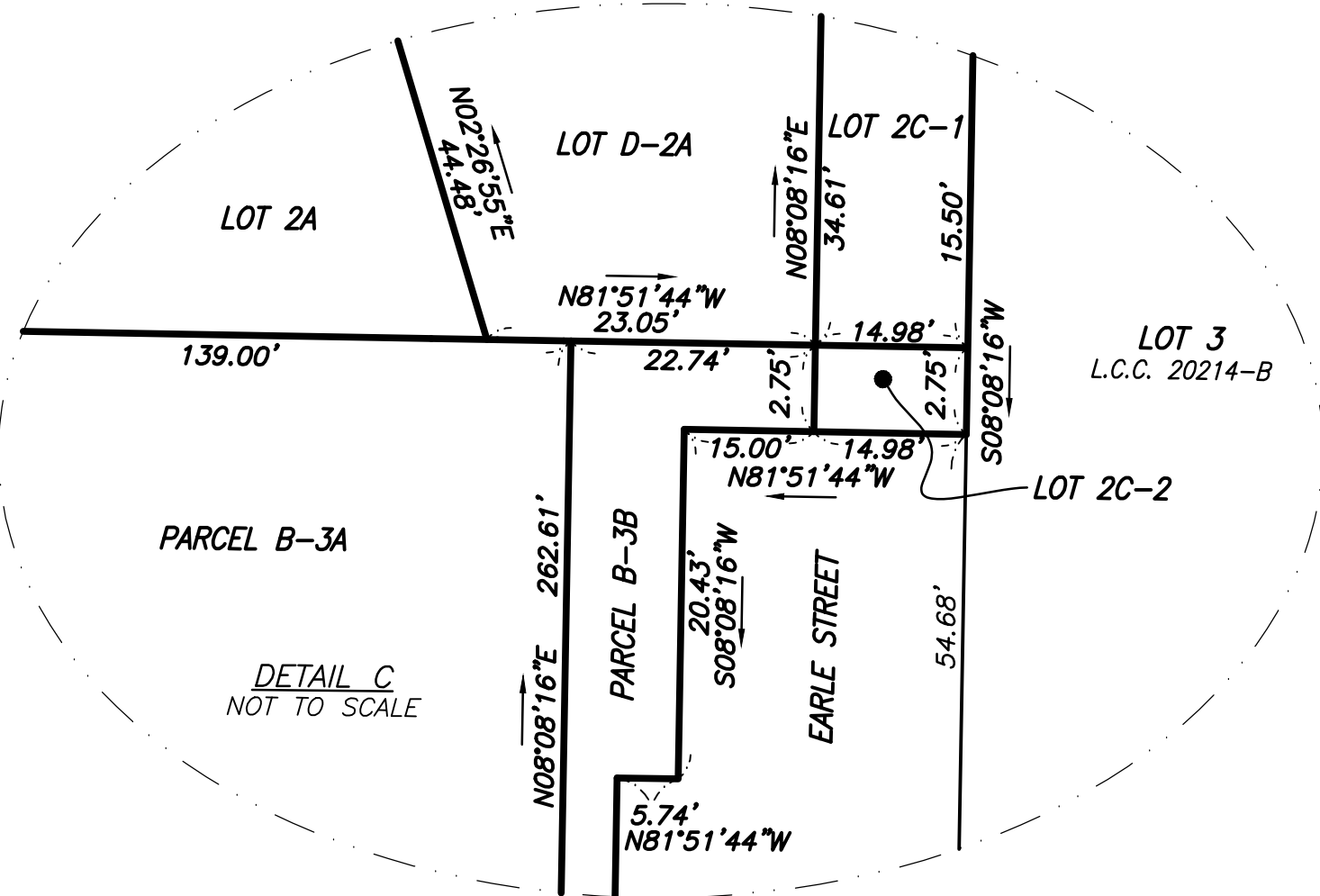
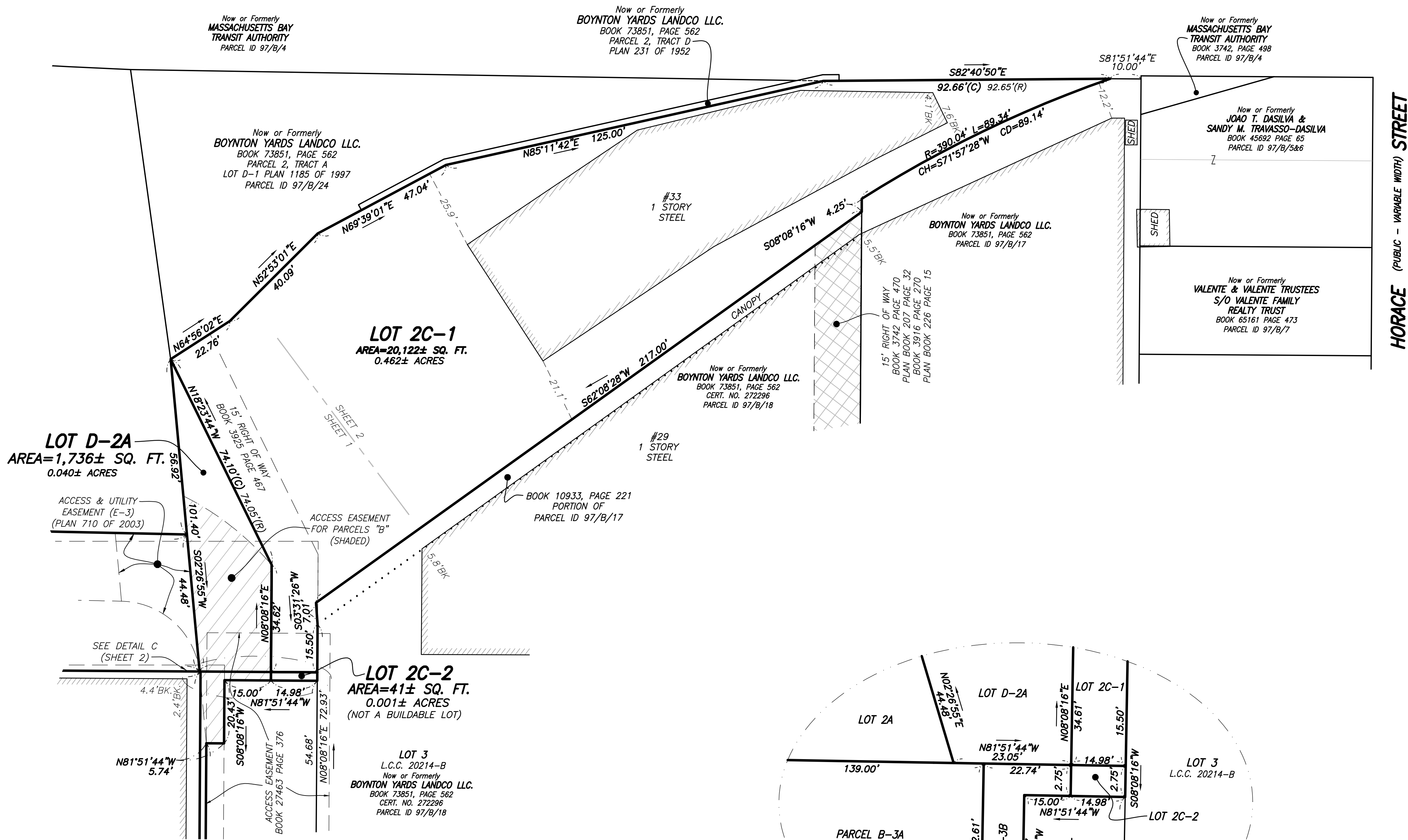








RESERVED FOR REGISTRY USE



HORACE (PUBLIC - VARIABLE WIDTH) STREET



I CERTIFY THAT THIS PLAN CONFORMS WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.  
I CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL FIELD SURVEY AND THE LATEST PLANS AND DEEDS OF RECORD.  
DAMIEN J. RAFFLE, PLS (MA# 49629) DATE 6/17/2021  
DJR@FELDMANSURVEYORS.COM

REFERENCES


- MIDDLESEX COUNTY REGISTRY OF DEEDS:  
BOOK 27841, PAGE 111  
BOOK 7869, PAGE 52  
PLAN BOOK 17B, PAGE 89  
PLAN BOOK 127, PAGE 43  
PLAN BOOK 207, PAGE 32  
END OF PLAN BOOK 4491  
END OF PLAN BOOK 4790  
PLAN 828 OF 1994  
PLAN 362 OF 1997  
PLAN 1185 OF 1997  
PLAN 1198 OF 1997  
PLAN 448 OF 1999  
PLAN 250 OF 2001  
PLAN 779 OF 2002  
PLAN 710 OF 2003  
PLAN 621 OF 2012  
PLAN 674 OF 2020

MASSACHUSETTS LAND COURT:  
LCC 12477A  
LCC 20214A  
LCC 20214B  
LCC 20214C  
CERT. NO. 113911

SUBDIVISION PLAN OF LAND  
101 & 153 SOUTH STREET  
SOMERVILLE, MASS.

FELDMAN LAND SURVEYORS APRIL 8, 2021  
152 HAMPDEN STREET PHONE: (617)357-9740  
BOSTON, MASS. 02119 www.feldmansurveyors.com



RESEARCH MN	FIELD CHIEF JN	PROJ MGR DJR	APPROVED 	SHEET NO. 2 OF 2
CALC MN	CADD MN/DH	FIELD CHECKED	CRD FILE 16670	JOB NO. 16670G

C:\Users\mnicholson\appdata\local\temp\AcPublish\_183200\16670G-SUBD.dwg